

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	382	(370/231-234,236,332,333.CCLS.) AND (error NEAR (rate OR frequency)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/13 15:53
S4	6	(370/231-234,236,332,333.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/17 14:13
S5	0	(370/231-234,236,332,333.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/13 16:06
S6	6	(370/231-234,236,332,333.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/13 16:09
S7	84	("370"/\$.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:19
S8	11	("20020118662"   "20020137522"   "20030092445"   "20040196826"   "20040203707"   "20040219921"   "6157845"   "6590880"   "6603972"   "6647262"   "6751472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/13 16:13
S9	44	(370/231-234,236,332,333.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((increas\$3 OR lower\$3 OR increment\$3 OR rais\$3 OR ris\$3 OR decreas\$3 OR reduc\$4 OR gain\$3 OR diminish\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 08:25
S10	47	(714/704.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((increas\$3 OR lower\$3 OR increment\$3 OR rais\$3 OR ris\$3 OR decreas\$3 OR reduc\$4 OR gain\$3 OR diminish\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 08:25

## EAST Search History

S11	10	(714/704.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 08:27
S12	2	(370/229,230,235,237-240.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 08:30
S13	84	("455"/\$.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 08:43
S14	12	(370/252.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3) NEAR rate)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 11:24
S15	4	("370"/\$.CCLS.) AND (((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND acknowledg\$4 AND (error NEAR (threshold OR limit OR boundary)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:22
S16	0	("370"/\$.CCLS.) AND (((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND (acknowledg\$4 NEAR packet) AND (error NEAR (threshold OR limit OR boundary)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:22
S17	0	("370"/\$.CCLS.) AND (((error NEAR (rate OR frequency)) AND ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND (acknowledg\$4 NEAR packet) AND (error NEAR (threshold OR limit OR boundary)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:24
S18	0	("455"/\$.CCLS.) AND (((error NEAR (rate OR frequency)) AND ((adapt\$3 OR chang\$3 OR alter\$3 OR modify\$3 OR recalibrat\$3 OR vary\$3) NEAR rate)) AND (acknowledg\$4 NEAR packet) AND (error NEAR (threshold OR limit OR boundary)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:22

## EAST Search History

S19	52	("370"/\$.CCLS.) AND ((calculat\$3 OR formula OR equation) NEAR error NEAR (rate OR frequency)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:38
S20	0	("370"/\$.CCLS.) AND (((calculat\$3 OR formula OR equation) NEAR error NEAR (rate OR frequency)) SAME acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:39
S21	1	("370"/\$.CCLS.) AND (((calculat\$3 OR determin\$3 OR formula OR equation) NEAR error NEAR (rate OR frequency)) SAME acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:40
S22	0	("455"/\$.CCLS.) AND (((calculat\$3 OR determin\$3 OR formula OR equation) NEAR error NEAR (rate OR frequency)) SAME acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:41
S23	23	("370"/\$.CCLS.) AND (((calculat\$3 OR determin\$3 OR formula OR equation) NEAR error NEAR (rate OR frequency)) AND acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:49
S24	28	("370"/\$.CCLS.) AND ((fraction OR portion OR percentage OR ratio) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:03
S25	1	("370"/\$.CCLS.) AND ((fraction OR portion OR percentage OR ratio) NEAR unacknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:02
S26	7	("370"/\$.CCLS.) AND ((calculat\$3 OR equation OR formula) AND ((fraction OR portion OR percentage OR ratio) NEAR acknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:53
S27	0	("370"/\$.CCLS.) AND (((fraction OR portion OR percentage OR ratio) NEAR acknowledg\$4) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:27
S28	0	("455"/\$.CCLS.) AND (((fraction OR portion OR percentage OR ratio) NEAR acknowledg\$4) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 09:56

## EAST Search History

S29	5	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:00
S30	1	("455"/\$.CCLS.) AND ((fraction OR percentage OR ratio) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:00
S31	0	("714"/\$.CCLS.) AND ((fraction OR percentage OR ratio) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:00
S32	0	("455"/\$.CCLS.) AND ((fraction OR portion OR percentage OR ratio) NEAR unacknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:02
S33	0	("714"/\$.CCLS.) AND ((fraction OR portion OR percentage OR ratio) NEAR unacknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:02
S34	0	("375"/\$.CCLS.) AND ((fraction OR portion OR percentage OR ratio) NEAR unacknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:02
S35	2	("370"/\$.CCLS.) AND ((equation OR formula OR calculat\$3) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/17 14:15
S36	0	("714"/\$.CCLS.) AND ((equation OR formula OR calculat\$3) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:04
S37	0	("370"/\$.CCLS.) AND ((expand\$5 OR flexible OR grow\$3) NEAR window NEAR error) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:32
S38	1	("370"/\$.CCLS.) AND (((expand\$5 OR flexible OR grow\$3) NEAR window) SAME (error NEAR (rate OR frequency)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:33
S39	1	("455"/\$.CCLS.) AND (((expand\$5 OR flexible OR grow\$3) NEAR window) SAME (error NEAR (rate OR frequency)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:34

## EAST Search History

S40	0	("714"/\$.CCLS.) AND (((expand\$5 OR flexible OR grow\$3) NEAR window) SAME (error NEAR (rate OR frequency)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/14 10:34
S41	12	(370/252,231-234,236,332,333. CCLS.) AND ((equation OR formula OR calculat\$3 OR determine) SAME ((number OR quantity OR amount OR sum OR total) NEAR acknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/17 14:43
S42	50	(370/252,231-234,236,332,333. CCLS.) AND ((number OR quantity OR amount OR sum OR total) NEAR acknowledg\$4) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/17 14:41
S43	38	(370/252,231-234,236,332,333. CCLS.) AND ((packet OR frame OR message OR pdu) SAME ((number OR quantity OR amount OR sum OR total) NEAR acknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 11:21
S44	578	("370"/\$.CCLS.) AND (((fraction OR portion OR percentage OR ratio OR divid\$3) NEAR (packet OR frame OR cell OR pdu)) SAME (error OR acknowledg\$4 OR unacknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:30
S45	245	("370"/\$.CCLS.) AND (((fraction OR percentage OR ratio OR divid\$3) NEAR (packet OR frame OR cell OR pdu)) SAME (error OR acknowledg\$4 OR unacknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:31
S46	270	("370"/\$.CCLS.) AND (((fraction OR percentage OR ratio OR divid\$3) NEAR (packet OR frame OR cell OR pdu)) SAME (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4)))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:39

## EAST Search History

S47	42	(370/252,231-234,236,332,333.CCLS.) AND (((fraction OR percentage OR ratio OR divid\$3) NEAR (packet OR frame OR cell OR pdu)) SAME (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:36
S48	41	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3) NEAR (packet OR frame OR cell OR pdu) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:43
S49	256	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rat\$3) NEAR (packet OR frame OR cell OR pdu) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 10:45
S50	328	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet OR frame OR cell OR pdu) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:50
S51	178	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 10:51
S52	2	("370"/\$.CCLS.) AND ((divid\$3) NEAR (packet) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 10:50

## EAST Search History

S53	82	(370/252,231-234,236,332,333. CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet OR frame OR cell OR pdu) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	OFF	2007/08/20 10:50
S55	42	(370/252,231-234,236,332,333. CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet) NEAR (error\$2 OR acknowledg\$4 OR unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:01
S56	0	(370/252,231-234,236,332,333. CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet) NEAR (unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:01
S57	0	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet) NEAR (unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:01
S58	0	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet OR cell OR frame OR pdu OR message) NEAR (unacknowledg\$4 OR (negativ\$2 NEAR acknowledg\$4))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:02
S59	97	("370"/\$.CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet OR cell OR frame OR pdu OR message) NEAR (lost OR missing)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:04
S60	28	(370/252,231-234,236,332,333. CCLS.) AND ((fraction OR percentage OR ratio OR divid\$3 OR rate) NEAR (packet OR cell OR frame OR pdu OR message) NEAR (lost OR missing)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:04

## EAST Search History

S61	59	(370/252,231-234,236,332,333. CCLS.) AND ((packet OR frame OR message OR pdu) SAME ((number OR quantity OR amount OR sum OR total) NEAR acknowledg\$4)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 14:51
S62	38	(370/252,231-234,236,332,333. CCLS.) AND ((packet OR frame OR message OR pdu) SAME ((number OR quantity OR amount OR sum OR total) NEAR acknowledg\$4)) AND @ad<"20031208"	USPAT	OR	OFF	2007/08/20 11:22
S63	21	S61 NOT S62	US-PGPUB; USPAT	OR	ON	2007/08/20 11:22
S64	20	(370/252.CCLS.) AND ((error NEAR (rate OR frequency)) SAME ((adapt\$3 OR chang\$3) NEAR rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 11:25
S65	1	(370/252,231-234,236,332,333. CCLS.) AND (number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5) NEAR error NEAR (rate OR frequency)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 07:50
S66	1	("370"/\$.CCLS.) AND (number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5) NEAR error NEAR (rate OR frequency)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 14:56
S67	0	("455"/\$.CCLS.) AND (number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5) NEAR error NEAR (rate OR frequency)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 14:56
S68	1	("714"/\$.CCLS.) AND (number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5) NEAR error NEAR (rate OR frequency)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 14:56



## EAST Search History

S69	2	(370/252,231-234,236,332,333. CCLS.) AND ((number NEAR (packet OR cell OR frame OR message OR pdu)) SAME ((deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5) NEAR error NEAR (rate OR frequency))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 14:58
S70	4	(370/252,231-234,236,332,333. CCLS.) AND ((number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5)) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:07
S71	0	(370/252,231-234,236,332,333. CCLS.) AND (((quantity OR amount) NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5)) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:21
S72	1	("370"/\$.CCLS.) AND (((quantity OR amount) NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5)) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:07
S73	15	("370"/\$.CCLS.) AND ((number NEAR (packet OR cell OR frame OR message OR pdu) NEAR (deriv\$3 OR determin\$3 OR calculat\$3 OR comput\$5)) SAME (error NEAR (rate OR frequency))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:08
S74	43	(370/252,231-234,236,332,333. CCLS.) AND ((packet OR cell OR frame OR message OR pdu) NEAR transm\$6 NEAR (schedule OR plan OR timetable OR arrang\$4)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 08:31
S75	0	(370/252,231-234,236,332,333. CCLS.) AND ((packet OR cell OR frame OR message OR pdu) NEAR transm\$6 NEAR (schedule OR plan OR timetable OR arrang\$4) NEAR (group OR cluster OR number OR amount OR quantity)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:26

## EAST Search History

S76	8	(370/252,231-234,236,332,333. CCLS.) AND ((transm\$6 NEAR (schedule OR plan OR timetable OR arrang\$4)) SAME ((packet OR cell . OR frame OR message OR pdu) NEAR (group OR cluster OR number OR amount OR quantity))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/20 15:26
S77	1	"6643322".PN.	US-PGPUB; USPAT	OR	ON	2007/08/21 11:56
S78	34	(US-20030039231-\$).did. or (US-7177320-\$ or US-6975881-\$ or US-6907019-\$ or US-6751197-\$ or US-6097697-\$ or US-6930981-\$ or US-6751199-\$ or US-6728217-\$ or US-6434191-\$ or US-7164649-\$ or US-6389065-\$ or US-6128348-\$ or US-4756007-\$ or US-3700820-\$ or US-5592468-\$ or US-5563930-\$ or US-5491687-\$ or US-7031342-\$ or US-6745352-\$ or US-6643322-\$ or US-6178448-\$ or US-7154854-\$ or US-6944129-\$ or US-6298041-\$ or US-5812557-\$ or US-5831972-\$). did. or (US-5777986-\$ or US-5764626-\$ or US-6801501-\$ or US-6807150-\$ or US-6643496-\$ or US-6381215-\$ or US-5930233-\$). did.	US-PGPUB; USPAT	OR	ON	2007/08/21 16:23
S79	14	S78 and (throughput)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:26
S80	26	S78 and (threshold)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:26
S81	8	(370/252,231-234,236,332,333. CCLS.) AND ((adapt\$3 OR progress\$3 OR trend OR derivative OR deriv\$3) NEAR (parameter OR value OR number OR variable) NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:26
S82	20	(370/252,231-234,236,332,333. CCLS.) AND (rate NEAR (variation OR change OR trend OR derivative OR deriv\$3 OR variable) NEAR (indicator OR indicater OR value OR number OR parameter)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 08:02
S83	113	(370/252,231-234,236,332,333. CCLS.) AND ((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) NEAR (threshold OR boundary OR limit)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 08:44

## EAST Search History

S84	15	(370/252,231-234,236,332,333. CCLS.) AND ((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) NEAR (threshold OR boundary OR limit)).TI,AB. AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 08:44
S85	2	(370/252,231-234,236,332,333. CCLS.) AND (((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) NEAR (threshold OR boundary OR limit)) SAME (historic OR past)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 08:45
S86	16	(370/252,231-234,236,332,333. CCLS.) AND (((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) NEAR (threshold OR boundary OR limit)) SAME (historic\$2 OR past OR previous OR former OR preceding OR prior)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:16
S87	129	(370/252,231-234,236,332,333. CCLS.) AND ((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) SAME (threshold OR boundary OR limit) SAME (historic\$2 OR past OR previous OR former OR preceding OR prior)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:18
S88	84	(370/252,231-234,236,332,333. CCLS.) AND ((adapt\$3 OR adjust\$3 OR recalculat\$3 OR readjust\$3) SAME (threshold) SAME (historic\$2 OR past OR previous OR former OR preceding OR prior)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:29
S89	0	(370/252,231-234,236,332,333. CCLS.) AND ((times OR multiply) NEAR (complement OR reciprocal) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:31
S90	0	(370/252,231-234,236,332,333. CCLS.) AND ((time\$1 OR multiply\$3) NEAR (complement OR reciprocal) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:31
S91	0	("370"/\$.CCLS.) AND ((time\$1 OR multiply\$3) NEAR (complement OR reciprocal) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:31
S92	0	((time\$1 OR multiply\$3) NEAR (complement OR reciprocal) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:32

## EAST Search History

S93	10	(370/252,231-234,236,332,333. CCLS.) AND ((time\$1 OR multiply\$3) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:36
S94	61	("370"/\$.CCLS.) AND ((time\$1 OR multiply\$3) NEAR (error) NEAR (rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:33
S95	51	S94 NOT S93	US-PGPUB; USPAT	OR	ON	2007/08/22 11:33
S96	0	(370/252,231-234,236,332,333. CCLS.) AND (one NEAR minus NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:38
S97	0	("370"/\$.CCLS.) AND (one NEAR minus NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:37
S98	1	(one NEAR minus NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:37
S99	2	(complement NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:37
S10 0	53	(370/252,231-234,236,332,333. CCLS.) AND ((throughput OR (bit NEAR rate)) NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:40
S10 1	0	(370/252,231-234,236,332,333. CCLS.) AND ((throughput OR (bit NEAR rate)) NEAR (calculat\$3 OR formula OR equation) NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:47
S10 2	0	("370"/\$.CCLS.) AND ((throughput OR (bit NEAR rate)) NEAR (calculat\$3 OR formula OR equation) NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:41
S10 3	10	((throughput OR (bit NEAR rate)) NEAR (calculat\$3 OR formula OR equation) NEAR error NEAR rate) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:41
S10 4	0	(370/252,231-234,236,332,333. CCLS.) AND ((throughput OR (bit NEAR rate)) NEAR (calculat\$3 OR formula OR equation) SAME (error NEAR rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:47
S10 5	0	(370/252,231-234,236,332,333. CCLS.) AND (((throughput OR (bit NEAR rate)) NEAR (calculat\$3 OR formula OR equation)) SAME (error NEAR rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 11:48

## EAST Search History

S10 6	0	(370/252,231-234,236,332,333. CCLS.) AND (((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (adapt\$3 OR chang\$3)) AND ((estimat\$3 OR calculat\$3) NEAR throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:28
S10 7	0	(370/252,231-234,236,332,333. CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (adapt\$3 OR chang\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:28
S10 8	22	(370/252,231-234,236,332,333. CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR rais\$3 OR lower\$3 OR deceas\$3 OR modify\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:30
S10 9	22	(370/252,231-234,236,332,333. CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR rais\$3 OR lower\$3 OR deceas\$3 OR modify\$3 OR shift\$3 OR slid\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:31
S11 0	1	(370/252,231-234,236,332,333. CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR raising OR lowering OR deceas\$3 OR modify\$3 OR shift\$3 OR slid\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:52
S11 1	11	("370"/\$.CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR raising OR lowering OR deceas\$3 OR modify\$3 OR shift\$3 OR slid\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:36

## EAST Search History

S11 2	0	("455"/\$.CCLS.) AND (((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR raising OR lowering OR deceas\$3 OR modify\$3 OR shift\$3 OR slid\$3)) SAME error) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:35
S11 3	8	("455"/\$.CCLS.) AND ((high\$2 OR upper OR max OR maximum OR top OR topmost OR upmost OR uppermost) NEAR (threshold) NEAR (increas\$3 OR raising OR lowering OR deceas\$3 OR modify\$3 OR shift\$3 OR slid\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:36
S11 4	0	(370/252,231-234,236,332,333.CCLS.) AND ((estimat\$3 OR calculat\$3) NEAR (throughput) NEAR (past OR previous)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 12:53
S11 5	3	(370/252,231-234,236,332,333.CCLS.) AND (((estimat\$3 OR calculat\$3) NEAR (throughput)) SAME (past OR previous)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:11
S11 6	0	(370/252,231-234,236,332,333.CCLS.) AND ((compar\$3) NEAR (new OR current OR present) NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:06
S11 7	0	("370"/\$.CCLS.) AND ((compar\$3) NEAR (new OR current OR present) NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:05
S11 8	0	(370/252,231-234,236,332,333.CCLS.) AND ((new OR current OR present) NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:08
S11 9	0	("370"/\$.CCLS.) AND ((new OR current OR present) NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:07
S12 0	4	((new OR current OR present) NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:07

## EAST Search History

S12 1	4	(370/252,231-234,236,332,333. CCLS.) AND ((old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:26
S12 2	7	(370/252,231-234,236,332,333. CCLS.) AND ((compare) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:13
S12 3	33	("370"/\$.CCLS.) AND ((compare) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:20
S12 4	4	("455"/\$.CCLS.) AND ((compare) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:22
S12 5	7	("709"/\$.CCLS.) AND ((compare) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:22
S12 6	19	("370"/\$.CCLS.) AND ((old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:29
S12 7	0	("370"/\$.CCLS.) AND (compar\$3 NEAR (old OR previous OR past) NEAR (throughput)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:30
S12 8	2	("370"/\$.CCLS.) AND (compar\$3 SAME ((old OR previous OR past) NEAR (throughput))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:31
S12 9	3	("455"/\$.CCLS.) AND (compar\$3 SAME ((old OR previous OR past) NEAR (throughput))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:31
S13 0	3	("455"/\$.CCLS.) AND (compar\$4 SAME ((old OR previous OR past) NEAR (throughput))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:32
S13 1	18	(compar\$4 SAME ((old OR previous OR past) NEAR (throughput))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 13:32
S13 2	7	(370/252,231-234,236,332,333. CCLS.) AND (((estimat\$3 OR calculat\$3) NEAR (throughput)) SAME (error NEAR rate)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:55
S13 3	0	((complement OR reciprocal) NEAR (error) NEAR (probability)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:33

## EAST Search History

S13 4	64	((complement OR reciprocal) NEAR (probability)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:37
S13 5	32	((complement) NEAR (probability)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:39
S13 6	0	((complement) NEAR (probability) NEAR (times OR multiply\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:39
S13 7	11	((complement) NEAR (probability)) SAME (times OR multiply\$3 OR product)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:42
S13 8	142	((complement) SAME (probability) SAME (times OR multiply\$3 OR product)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:42
S13 9	1	(370/252,231-234,236,332,333. CCLS.) AND ((threshold) NEAR (widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:24
S14 0	14	("370"/\$.CCLS.) AND ((threshold) NEAR (widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 14:58
S14 1	4	("370"/\$.CCLS.) AND ((threshold) SAME (range NEAR (widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR lengthen\$3))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:02
S14 2	5	("370"/\$.CCLS.) AND ((threshold) NEAR (opposite)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:09
S14 3	4085	("370"/\$.CCLS.) AND ((trend OR direction OR progression OR sign OR advanc\$4) NEAR (opposite)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:11
S14 4	66	("370"/\$.CCLS.) AND (((trend OR direction OR progression OR sign OR advanc\$4) NEAR (opposite)) SAME (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:11
S14 5	8	(370/252,231-234,236,332,333. CCLS.) AND (((trend OR direction OR progression OR sign OR advanc\$4) NEAR (opposite)) SAME (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:12



## EAST Search History

S14 6	32	(adapt\$4 NEAR threshold) AND (((trend OR direction OR progression OR sign OR advanc\$4) NEAR (opposite)) SAME (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:13
S14 7	0	(370/252,231-234,236,332,333. CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (parameter OR value OR amount OR variable OR magnitude)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:33
S14 8	3	("370"/\$.CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (parameter OR value OR amount OR variable OR magnitude)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:27
S14 9	0	("455"/\$.CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (parameter OR value OR amount OR variable OR magnitude)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:27
S15 0	0	(370/252,231-234,236,332,333. CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:28
S15 1	0	("370"/\$.CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:28
S15 2	0	("455"/\$.CCLS.) AND (((ping NEAR pong) OR ping-pong OR pingpong) NEAR (threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:28
S15 3	31	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:20
S15 4	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (increas\$3 OR widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:05

## EAST Search History

S15 5	1	("370"/\$.CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (increas\$3 OR widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:37
S15 6	2	("455"/\$.CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (increas\$3 OR widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:37
S15 7	2	(370/252,231-234,236,332,333.CCLS.) AND ((hysteresis) NEAR (increas\$3 OR widen\$3 OR expand\$3 OR enlarg\$3 OR broaden\$3 OR spread\$3 OR lengthen\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:25
S15 8	19	(370/252,231-234,236,332,333.CCLS.) AND ((hysteresis) NEAR (threshold OR limit\$5 OR cap\$4 OR margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:48
S15 9	2	(370/252,231-234,236,332,333.CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (threshold OR limit\$5 OR cap\$4 OR margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:49
S16 0	11	("370"/\$.CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (threshold OR limit\$5 OR cap\$4 OR margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:55
S16 1	29	("455"/\$.CCLS.) AND ((hysteresis) NEAR (parameter OR value OR amount OR variable OR magnitude) NEAR (threshold OR limit\$5 OR cap\$4 OR margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 15:55
S16 2	0	(370/252,231-234,236,332,333.CCLS.) AND ((hysteresis) NEAR (before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR change OR alter\$4 OR shift\$3))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:09

## EAST Search History

S16 3	0	("370"/\$.CCLS.) AND ((hysteresis) NEAR (before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR change OR alter\$4 OR shift\$3))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:08
S16 4	0	("455"/\$.CCLS.) AND ((hysteresis) NEAR (before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR change OR alter\$4 OR shift\$3))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:09
S16 5	0	((hysteresis) NEAR (before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR change OR alter\$4 OR shift\$3))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:09
S16 6	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) SAME ((before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR change OR alter\$4 OR shift\$3)))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:10
S16 7	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) SAME ((before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR chang\$3 OR alter\$4 OR shift\$3)))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:10
S16 8	0	("370"/\$.CCLS.) AND ((hysteresis) SAME ((before OR prior OR preced\$3) NEAR (rate NEAR (modif\$7 OR chang\$3 OR alter\$4 OR shift\$3)))) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:10
S16 9	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 07:54
S17 0	0	("370"/\$.CCLS.) AND ((hysteresis) NEAR (maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:26
S17 1	2	("455"/\$.CCLS.) AND ((hysteresis) NEAR (maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:27
S17 2	120	((hysteresis) NEAR (maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/22 16:27
S17 3	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (maximum OR limit\$3 OR maximiz\$3 OR max) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:50

## EAST Search History

S17 4	0	("370"/\$.CCLS.) AND ((hysteresis) NEAR (maximum OR limit\$3 OR maximiz\$3 OR max) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 07:55
S17 5	0	("455"/\$.CCLS.) AND ((hysteresis) NEAR (maximum OR limit\$3 OR maximiz\$3 OR max) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 07:55
S17 6	5	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:03
S17 7	14	("370"/\$.CCLS.) AND ((hysteresis) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 08:02
S17 8	9	S177 NOT S176	US-PGPUB; USPAT	OR	ON	2007/08/23 08:00
S17 9	22	("455"/\$.CCLS.) AND ((hysteresis) NEAR (margin)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 08:03
S18 0	12	S179 NOT (S176 OR S177)	US-PGPUB; USPAT	OR	ON	2007/08/23 08:03
S18 1	7	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (factor)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 08:12
S18 2	20	("370"/\$.CCLS.) AND ((hysteresis) NEAR (factor)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 08:12
S18 3	13	S182 NOT S181	US-PGPUB; USPAT	OR	ON	2007/08/23 08:13
S18 4	1	"6258883".PN.	US-PGPUB; USPAT	OR	ON	2007/08/23 12:35
S18 5	0	"62858883".PN.	US-PGPUB; USPAT	OR	ON	2007/08/23 12:35
S18 6	1	"6285883".PN.	US-PGPUB; USPAT	OR	ON	2007/08/23 12:35
S18 7	20	("370"/\$.CCLS.) AND ((hysteresis) NEAR (factor)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:48
S18 8	0	("370"/\$.CCLS.) AND ((hysteresis) NEAR factor) SAME limit) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:49
S18 9	0	("455"/\$.CCLS.) AND ((hysteresis) NEAR factor) SAME limit) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:49
S19 0	1	("370"/\$.CCLS.) AND ((hysteresis) NEAR factor) SAME limit\$3) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:50

## EAST Search History

S19 1	0	("455"/\$.CCLS.) AND ((hysteresis NEAR factor) SAME limit\$3) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:50
S19 2	0	("455"/\$.CCLS.) AND ((hysteresis NEAR factor) SAME limit\$5) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:50
S19 3	1	("370"/\$.CCLS.) AND ((hysteresis NEAR factor) SAME limit\$5) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:50
S19 4	0	("370"/\$.CCLS.) AND ((hysteresis NEAR factor) SAME cap\$4) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:51
S19 5	0	("455"/\$.CCLS.) AND ((hysteresis NEAR factor) SAME cap\$4) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:51
S19 6	3	("455"/\$.CCLS.) AND ((hysteresis NEAR value) SAME cap\$4) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:52
S19 7	1	("370"/\$.CCLS.) AND ((hysteresis NEAR value) SAME cap\$4) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 12:52
S19 8	122	(370/252,231-234,236,332,333. CCLS.) AND ((transm\$6 OR data OR bit OR packet OR frame OR cell OR pdu) NEAR rate NEAR (limit OR threshold OR cap\$4)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:07
S19 9	101	(370/252,231-234,236,332,333. CCLS.) AND ((transm\$6 OR data OR bit OR packet OR frame OR cell OR pdu) NEAR rate NEAR (limit OR threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:10
S20 0	8	(370/252,231-234,236,332,333. CCLS.) AND ((transm\$6 OR data OR bit OR packet OR frame OR cell OR pdu) NEAR rate NEAR (limit OR threshold) NEAR (low\$3 OR bottom)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:17
S20 1	24	("370"/\$.CCLS.) AND ((transm\$6 OR data OR bit OR packet OR frame OR cell OR pdu) NEAR rate NEAR (limit OR threshold) NEAR (low\$3 OR bottom)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:26
S20 2	16	S201 NOT S200	US-PGPUB; USPAT	OR	ON	2007/08/23 13:18

## EAST Search History

S20 3	7	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (limit OR threshold) NEAR (low\$3 OR bottom)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:49
S20 4	113	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (limit OR threshold)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:31
S20 5	0	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (limit OR threshold) NEAR (minimum OR min)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:31
S20 6	13	(370/252,231-234,236,332,333. CCLS.) AND ((transm\$6) NEAR rate NEAR (range OR span)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:58
S20 7	82	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (range OR span)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:53
S20 8	69	S207 NOT S206	US-PGPUB; USPAT	OR	ON	2007/08/23 13:53
S20 9	2214	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (range OR span) minimum NEAR maximum) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:58
S21 0	0	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (range OR span) NEAR minimum NEAR maximum) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 13:59
S21 1	1	("370"/\$.CCLS.) AND ((transm\$6) NEAR rate NEAR (range OR span) SAME (minimum SAME maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:00
S21 2	1	("370"/\$.CCLS.) AND (((transm\$6) NEAR rate NEAR (range OR span)) SAME (minimum SAME maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:00
S21 3	0	("455"/\$.CCLS.) AND (((transm\$6) NEAR rate NEAR (range OR span)) SAME (minimum SAME maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:01
S21 4	0	("709"/\$.CCLS.) AND (((transm\$6) NEAR rate NEAR (range OR span)) SAME (minimum SAME maximum)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:01
S21 5	0	(370/252,231-234,236,332,333. CCLS.) AND ((hysteresis) NEAR (exceed\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:20

## EAST Search History

S21 6	2	("370"/\$.CCLS.) AND ((hysteresis) NEAR (exceed\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:21
S21 7	11	("455"/\$.CCLS.) AND ((hysteresis) NEAR (exceed\$3)) AND @ad<"20031208"	US-PGPUB; USPAT	OR	ON	2007/08/23 14:21
S21 8	1	"7145876".PN.	US-PGPUB; USPAT	OR	ON	2007/08/27 10:26
S21 9	1	"4577309".PN.	US-PGPUB; USPAT	OR	ON	2007/08/27 10:27
S22 0	1	"7143320".PN.	US-PGPUB; USPAT	OR	ON	2007/08/27 10:28